

10/054,873 Sequence search

SEQ ID NO: 2

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	470	100.0	92	2	AAY42856	Aay42856 Human gro
2	470	100.0	134	2	AAW92265	Aaw92265 Human ant
3	470	100.0	150	2	AAY42861	Aay42861 Chimeric
4	465	98.9	140	1	AAP91041	Aap91041 Human gro
5	465	98.9	188	8	ADI47330	Adi47330 Plasmid p
6	465	98.9	192	1	AAP90129	Aap90129 Human gro
7	465	98.9	192	2	AAW92264	Aaw92264 Human ant
8	465	98.9	192	8	ADI47320	Adi47320 Plasmid p
9	465	98.9	192	8	ADI47390	Adi47390 Plasmid p
10	465	98.9	192	8	ADI47398	Adi47398 Nmer ampl
11	465	98.9	193	8	ADI47354	Adi47354 Plasmid p
12	465	98.9	206	8	ADI47384	Adi47384 Plasmid p
13	465	98.9	261	1	AAP91299	Aap91299 Human ner
14	465	98.9	262	2	AAR11740	Aar11740 Human gro
15	465	98.9	310	2	AAR03255	Aar03255 Fusion pr
16	465	98.9	391	8	ADI47363	Adi47363 Plasmid p
17	465	98.9	574	8	ADI47344	Adi47344 Plasmid p
18	465	98.9	576	8	ADI47351	Adi47351 Plasmid p
19	465	98.9	589	8	ADI47365	Adi47365 N+1mer am
20	465	98.9	786	8	ADI47367	Adi47367 Nmer ampl

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	465	98.9	192	1	US-08-093-383-1	Sequence 1, Appli
2	460	97.9	191	3	US-09-284-878-5	Sequence 5, Appli
3	460	97.9	191	4	US-09-462-941-1	Sequence 1, Appli
4	460	97.9	191	4	US-09-554-451-1	Sequence 1, Appli
5	460	97.9	194	2	US-08-383-621-4	Sequence 4, Appli
6	460	97.9	194	3	US-08-459-906-4	Sequence 4, Appli
7	460	97.9	198	4	US-09-949-016-8650	Sequence 8650, Ap
8	460	97.9	198	4	US-09-949-016-8651	Sequence 8651, Ap
9	460	97.9	198	4	US-09-949-016-8652	Sequence 8652, Ap
10	460	97.9	198	4	US-09-949-016-8653	Sequence 8653, Ap
11	460	97.9	198	4	US-09-949-016-8654	Sequence 8654, Ap
12	460	97.9	217	3	US-08-589-028-10	Sequence 10, Appl
13	460	97.9	217	3	US-08-784-582-10	Sequence 10, Appl
14	460	97.9	217	3	US-08-785-271-10	Sequence 10, Appl
15	460	97.9	217	3	US-08-759-628-11	Sequence 11, Appl
16	460	97.9	217	3	US-09-284-878-1	Sequence 1, Appli
17	460	97.9	217	4	US-09-929-918-9	Sequence 9, Appli
18	460	97.9	241	3	US-09-424-620B-25	Sequence 25, Appl
19	460	97.9	242	4	US-09-949-016-8660	Sequence 8660, Ap
20	460	97.9	242	4	US-09-949-016-8661	Sequence 8661, Ap

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	470	100.0	92	13	US-10-054-873-2	Sequence 2, Appli
2	470	100.0	134	10	US-09-819-094-24	Sequence 24, Appl
3	470	100.0	134	15	US-10-714-067-24	Sequence 24, Appl
4	470	100.0	150	13	US-10-054-873-7	Sequence 7, Appli
5	465	98.9	188	15	US-10-621-693-18	Sequence 18, Appl
6	465	98.9	192	10	US-09-819-094-23	Sequence 23, Appl
7	465	98.9	192	15	US-10-621-693-8	Sequence 8, Appli
8	465	98.9	192	15	US-10-621-693-78	Sequence 78, Appl

9	465	98.9	192	15	US-10-621-693-86	Sequence 86, Appl
10	465	98.9	192	15	US-10-714-067-23	Sequence 23, Appl
11	465	98.9	193	15	US-10-621-693-42	Sequence 42, Appl
12	465	98.9	206	15	US-10-621-693-72	Sequence 72, Appl
13	465	98.9	213	18	US-10-908-400A-95	Sequence 95, Appl
14	465	98.9	216	18	US-10-908-400A-91	Sequence 91, Appl
15	465	98.9	216	18	US-10-908-400A-96	Sequence 96, Appl
16	465	98.9	216	18	US-10-908-400A-97	Sequence 97, Appl
17	465	98.9	216	18	US-10-908-400A-98	Sequence 98, Appl
18	465	98.9	216	18	US-10-908-400A-99	Sequence 99, Appl
19	465	98.9	216	18	US-10-908-400A-100	Sequence 100, App
20	465	98.9	216	18	US-10-908-400A-101	Sequence 101, App

SUMMARIES

Result		Query				Description
No.	Score	Match	Length	DB	ID	
1	460	97.9	217	1	SOMA_HUMAN	P01241 homo sapien
2	460	97.9	217	1	SOMA_MACMU	P33093 macaca mula
3	460	97.9	217	1	SOMA_PANTR	P58756 pan troglod
4	460	97.9	217	2	Q6IYF0	Q6iyf0 homo sapien
5	456	97.0	217	2	Q6IYF1	Q6iyf1 homo sapien
6	435	92.6	217	2	Q8WNE0	Q8wne0 ateles geof
7	433	92.1	217	1	SOMA_SAIBB	P58343 saimiri bol
8	432	91.9	217	1	SOMA_CALJA	Q9gmb3 callithrix
9	430	91.5	217	1	SOM2_PANTR	P58757 pan troglod
10	423	90.0	217	2	Q6FH54	Q6fh54 homo sapien
11	422	89.8	217	1	SOM2_HUMAN	P01242 homo sapien
12	422	89.8	245	2	O14644	O14644 homo sapien
13	417	88.7	217	2	Q6FH32	Q6fh32 homo sapien
14	399	84.9	184	2	Q866T9	Q866t9 pan troglod
15	397	84.5	217	2	Q07369	Q07369 macaca mula
16	397	84.5	217	2	Q866U1	Q866u1 pan troglod
17	396	84.3	212	2	Q07368	Q07368 macaca mula
18	396	84.3	217	1	SOM2_MACMU	Q07370 macaca mula
19	396	84.3	217	2	Q07367	Q07367 macaca mula
20	385	81.9	217	2	Q866T8	Q866t8 pan troglod

SEQ ID NO: 3

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	33	100.0	6	2	AAY42857	Aay42857 Cleavable
2	33	100.0	15	7	ADM08409	Adm08409 Canine im
3	33	100.0	15	7	ADM08322	Adm08322 Canine im
4	33	100.0	107	2	AAY42860	Aay42860 hGH-mini-
5	33	100.0	135	4	AAB93957	Aab93957 Human pro
6	33	100.0	135	7	ADJ69719	Adj69719 Human hea
7	33	100.0	150	2	AAY42861	Aay42861 Chimeric
8	33	100.0	275	8	ADS23786	Ads23786 Bacterial
9	33	100.0	388	7	ABO69171	Abo69171 Pseudomon
10	33	100.0	392	4	AAM42128	Aam42128 Human pol
11	33	100.0	405	4	ABG22253	Abg22253 Novel hum
12	33	100.0	585	4	AAM40342	Aam40342 Human pol
13	33	100.0	896	8	ADR09755	Adr09755 Human pro
14	33	100.0	952	7	ADM04599	Adm04599 Human pro
15	33	100.0	1547	6	ABU96680	Abu96680 Human nuc
16	33	100.0	1562	5	ABP43703	Abp43703 Alpha -NA
17	33	100.0	2013	5	ABB47751	Abb47751 Listeria
18	33	100.0	2013	6	ABU32684	Abu32684 Protein e
19	33	100.0	7257	3	AAY58576	Aay58576 Sorangium
20	31	93.9	238	4	AAU27512	Aau27512 Human G-P

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	33	100.0	388	4	US-09-252-991A-17917	Sequence 17917, A
2	33	100.0	7257	3	US-09-335-409-5	Sequence 5, Appli
3	33	100.0	7257	3	US-09-568-102-5	Sequence 5, Appli
4	33	100.0	7257	3	US-09-567-969-5	Sequence 5, Appli
5	33	100.0	7257	3	US-09-568-480-5	Sequence 5, Appli
6	33	100.0	7257	3	US-09-568-486-5	Sequence 5, Appli
7	33	100.0	7257	3	US-09-568-472-5	Sequence 5, Appli
8	33	100.0	7257	3	US-09-567-899-5	Sequence 5, Appli
9	30	90.9	108	4	US-09-513-999C-8126	Sequence 8126, Ap
10	30	90.9	124	4	US-09-621-976-6823	Sequence 6823, Ap
11	30	90.9	211	4	US-09-949-016-11409	Sequence 11409, A
12	30	90.9	455	4	US-09-270-767-46061	Sequence 46061, A
13	30	90.9	542	4	US-09-252-991A-32139	Sequence 32139, A
14	30	90.9	683	4	US-09-949-016-11117	Sequence 11117, A
15	30	90.9	684	4	US-09-252-991A-24802	Sequence 24802, A
16	29	87.9	17	3	US-09-461-697-28	Sequence 28, Appl
17	29	87.9	20	3	US-08-724-466B-9	Sequence 9, Appli
18	29	87.9	20	3	US-08-882-164D-9	Sequence 9, Appli
19	29	87.9	58	3	US-08-927-219-39	Sequence 39, Appl
20	29	87.9	84	4	US-09-583-110-5115	Sequence 5115, Ap

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	33	100.0	6	13	US-10-054-873-3	Sequence 3, Appli
2	33	100.0	15	16	US-10-327-598-290	Sequence 290, App
3	33	100.0	82	16	US-10-437-963-168327	Sequence 168327,
4	33	100.0	107	13	US-10-054-873-6	Sequence 6, Appli
5	33	100.0	135	16	US-10-408-765A-1525	Sequence 1525, Ap
6	33	100.0	150	13	US-10-054-873-7	Sequence 7, Appli
7	33	100.0	275	15	US-10-369-493-12819	Sequence 12819, A
8	33	100.0	405	18	US-10-450-763-52612	Sequence 52612, A
9	33	100.0	802	16	US-10-437-963-178776	Sequence 178776,
10	33	100.0	952	15	US-10-108-260A-3284	Sequence 3284, Ap

11	33	100.0	1522	18	US-10-756-149-5073	Sequence 5073, Ap
12	33	100.0	2013	15	US-10-282-122A-60608	Sequence 60608, A
13	33	100.0	7257	13	US-10-014-717-5	Sequence 5, Appli
14	33	100.0	7257	17	US-10-732-923-20620	Sequence 20620, A
15	31	93.9	60	16	US-10-425-115-339668	Sequence 339668,
16	31	93.9	71	16	US-10-425-115-356652	Sequence 356652,
17	31	93.9	455	16	US-10-437-963-154712	Sequence 154712,
18	31	93.9	1963	16	US-10-437-963-155445	Sequence 155445,
19	30	90.9	24	9	US-09-864-761-39589	Sequence 39589, A
20	30	90.9	78	16	US-10-437-963-188463	Sequence 188463,

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	33	100.0	68	2	AF2809	hypothetical prote
2	33	100.0	931	2	T49710	related to glucan
3	33	100.0	2013	2	AD1129	probable peptidogl
4	33	100.0	2013	2	AI1489	probable peptidogl
5	31	93.9	188	2	C87341	conserved hypothet
6	30	90.9	288	2	T44603	hypothetical prote
7	30	90.9	329	2	C84847	probable guanylate
8	30	90.9	387	2	T50675	guanylate kinase (
9	30	90.9	391	2	T46191	guanylate kinase-l
10	30	90.9	432	2	S49980	glutamate-5-semial
11	30	90.9	811	2	A41054	fasciclin II, tran
12	30	90.9	873	2	B41054	fasciclin II PI-li
13	30	90.9	1002	2	A36691	Ca2+-transporting
14	29	87.9	85	2	G70824	hypothetical prote
15	29	87.9	90	2	B95105	conserved hypothet
16	29	87.9	100	2	B97973	hypothetical prote
17	29	87.9	136	2	T36624	hypothetical prote
18	29	87.9	169	2	A84320	hypothetical prote
19	29	87.9	212	2	T44591	hypothetical prote
20	29	87.9	219	1	TLBPT2	tail fiber protein

SEQ ID NO: 4

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	463	100.0	86	1	AAP40829	Aap40829 Sequence
2	463	100.0	86	2	AAR84061	Aar84061 Human ins
3	463	100.0	86	2	AAY42858	Aay42858 Human ins
4	463	100.0	86	3	AAB12770	Aab12770 Human pro
5	463	100.0	86	5	AAM48218	Aam48218 Human pro
6	463	100.0	86	7	ADC64463	Adc64463 Amino aci
7	463	100.0	86	7	ADF16632	Adf16632 Human alb
8	463	100.0	86	7	ADH21860	Adh21860 Human lon
9	463	100.0	86	8	ADT93277	Adt93277 Human nat
10	463	100.0	87	1	AAP20036	Aap20036 Human pro
11	463	100.0	87	1	AAP40217	Aap40217 Sequence
12	463	100.0	87	1	AAP50127	Aap50127 Sequence
13	463	100.0	87	1	AAP50060	Aap50060 Synthetic
14	463	100.0	87	1	AAP61090	Aap61090 Sequence
15	463	100.0	87	2	AAR32367	Aar32367 Proinsuli
16	463	100.0	88	2	AAR07682	Aar07682 Modified
17	463	100.0	88	2	AAR33855	Aar33855 hpI. 3/20
18	463	100.0	92	2	AAR20467	Aar20467 Yeast alp
19	463	100.0	92	8	ADL24442	Adl24442 Modified
20	463	100.0	93	1	AAP90102	Aap90102 Synthetic
21	463	100.0	96	2	AAY08004	Aay08004 Human pro
22	463	100.0	96	2	AAO17830	Aao17830 Human pro
23	463	100.0	96	8	ADL24437	Adl24437 Modified
24	463	100.0	97	2	AAR68898	Aar68898 Human pro
25	463	100.0	97	3	AAB12773	Aab12773 Human pro
26	463	100.0	110	1	AAP10042	Aap10042 Sequence
27	463	100.0	110	1	AAP10053	Aap10053 Sequence
28	463	100.0	110	1	AAP40309	Aap40309 Sequence
29	463	100.0	110	2	AAY06608	Aay06608 Human pre
30	463	100.0	110	2	ADF77582	Adf77582 Human ins
31	463	100.0	110	3	AAY44367	Aay44367 Human pro
32	463	100.0	110	3	AAY70366	Aay70366 Human Ins
33	463	100.0	110	3	AAB26765	Aab26765 Human pre
34	463	100.0	110	3	AAB06144	Aab06144 Human ins
35	463	100.0	110	4	AAE10337	Aae10337 Human pre
36	463	100.0	110	4	AAB35424	Aab35424 Secretory
37	463	100.0	110	4	AAG65677	Aag65677 Human pro
38	463	100.0	110	5	ABG60634	Abg60634 Human ins
39	463	100.0	110	5	ABG31590	Abg31590 Human pre
40	463	100.0	110	6	ABR55862	Abr55862 Humanised
41	463	100.0	110	6	ADA09218	Ada09218 Human Pre
42	463	100.0	110	7	ADC51569	Adc51569 Human pro
43	463	100.0	110	7	ADE56710	Ade56710 Human Pro
44	463	100.0	110	7	ADD46938	Add46938 Human Pro
45	463	100.0	110	7	ADE57650	Ade57650 Human Pro

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	463	100.0	86	4	US-09-477-924-2	Sequence 2, Appli
2	463	100.0	86	4	US-09-723-981-2	Sequence 2, Appli
3	463	100.0	86	4	US-09-723-896-2	Sequence 2, Appli
4	463	100.0	86	4	US-09-878-380-1	Sequence 1, Appli
5	463	100.0	96	2	US-09-134-836-4	Sequence 4, Appli
6	463	100.0	96	3	US-09-386-303A-4	Sequence 4, Appli
7	463	100.0	96	4	US-09-947-563-4	Sequence 4, Appli
8	463	100.0	97	1	US-08-160-376A-4	Sequence 4, Appli
9	463	100.0	110	3	US-08-950-720A-11	Sequence 11, Appl
10	463	100.0	110	3	US-08-589-028-2	Sequence 2, Appli
11	463	100.0	110	3	US-08-784-582-2	Sequence 2, Appli
12	463	100.0	110	3	US-08-785-271-2	Sequence 2, Appli

13	463	100.0	110	4	US-08-472-701-2	Sequence 2, Appli
14	463	100.0	110	4	US-09-185-852-2	Sequence 2, Appli
15	463	100.0	110	4	US-09-815-229-3	Sequence 3, Appli
16	463	100.0	110	4	US-09-617-389B-20	Sequence 20, Appl
17	463	100.0	110	4	US-09-323-738-2	Sequence 2, Appli
18	463	100.0	110	4	US-09-015-399-7	Sequence 7, Appli
19	463	100.0	110	5	PCT-US95-08596-2	Sequence 2, Appli
20	463	100.0	117	4	US-09-280-030-63	Sequence 63, Appl
21	463	100.0	130	4	US-09-280-030-62	Sequence 62, Appl
22	463	100.0	151	2	US-08-508-664-15	Sequence 15, Appl
23	463	100.0	161	2	US-08-508-664-16	Sequence 16, Appl
24	463	100.0	167	1	US-07-918-953-8	Sequence 8, Appli
25	463	100.0	167	1	US-08-081-661-8	Sequence 8, Appli

SUMMARIES

Result No.	Score	Query		DB	ID	Description
		Match	Length			
1	463	100.0	86	9	US-09-878-380-1	Sequence 1, Appli
2	463	100.0	86	10	US-09-858-935B-4	Sequence 4, Appli
3	463	100.0	86	13	US-10-028-410-2	Sequence 2, Appli
4	463	100.0	86	13	US-10-054-873-4	Sequence 4, Appli
5	463	100.0	86	14	US-10-444-326-2	Sequence 2, Appli
6	463	100.0	86	15	US-10-271-869-4	Sequence 4, Appli
7	463	100.0	86	15	US-10-444-262-2	Sequence 2, Appli
8	463	100.0	86	15	US-10-444-649-2	Sequence 2, Appli
9	463	100.0	86	15	US-10-444-701-2	Sequence 2, Appli
10	463	100.0	86	17	US-10-760-928-2	Sequence 2, Appli
11	463	100.0	86	17	US-10-775-180-657	Sequence 657, App
12	463	100.0	86	18	US-10-783-095-8	Sequence 8, Appli
13	463	100.0	86	18	US-10-775-204-1734	Sequence 1734, Ap
14	463	100.0	87	17	US-10-869-040-89	Sequence 89, Appl
15	463	100.0	96	9	US-09-947-563-4	Sequence 4, Appli
16	463	100.0	110	9	US-09-205-658-125	Sequence 125, App
17	463	100.0	110	9	US-09-815-229-3	Sequence 3, Appli
18	463	100.0	110	9	US-09-804-409A-9	Sequence 9, Appli
19	463	100.0	110	10	US-09-969-748C-6	Sequence 6, Appli
20	463	100.0	110	10	US-09-963-693-125	Sequence 125, App
21	463	100.0	110	14	US-10-038-686-1	Sequence 1, Appli
22	463	100.0	110	14	US-10-328-813-2	Sequence 2, Appli
23	463	100.0	110	15	US-10-383-285-2	Sequence 2, Appli
24	463	100.0	110	15	US-10-346-563-2	Sequence 2, Appli
25	463	100.0	110	15	US-10-321-717-2	Sequence 2, Appli
26	463	100.0	110	15	US-10-411-037-44	Sequence 44, Appl
27	463	100.0	110	15	US-10-411-026-44	Sequence 44, Appl
28	463	100.0	110	15	US-10-410-962-44	Sequence 44, Appl
29	463	100.0	110	15	US-10-411-049-44	Sequence 44, Appl
30	463	100.0	110	15	US-10-700-725-20	Sequence 20, Appl
31	463	100.0	110	16	US-10-410-930-44	Sequence 44, Appl
32	463	100.0	110	16	US-10-410-997-44	Sequence 44, Appl
33	463	100.0	110	16	US-10-411-012-44	Sequence 44, Appl
34	463	100.0	110	16	US-10-287-994-44	Sequence 44, Appl
35	463	100.0	110	16	US-10-740-098-3	Sequence 3, Appli
36	463	100.0	110	16	US-10-410-913-44	Sequence 44, Appl
37	463	100.0	110	16	US-10-476-104-28	Sequence 28, Appl
38	463	100.0	110	17	US-10-410-980-44	Sequence 44, Appl
39	463	100.0	110	17	US-10-869-040-7	Sequence 7, Appli
40	463	100.0	110	17	US-10-869-040-23	Sequence 23, Appl
41	463	100.0	110	17	US-10-869-040-26	Sequence 26, Appl
42	463	100.0	110	17	US-10-410-897-44	Sequence 44, Appl
43	463	100.0	110	17	US-10-492-261-44	Sequence 44, Appl
44	463	100.0	110	18	US-10-893-315-62	Sequence 62, Appl
45	463	100.0	110	20	US-11-049-518-24	Sequence 24, Appl

SUMMARIES

Result No.	Score	Query		DB	ID	Description
		Match	Length			

1	463	100.0	110	1	IPHU	insulin precursor
2	463	100.0	110	2	A42179	insulin precursor
3	456	98.5	110	2	B42179	insulin precursor
4	456	98.5	110	2	JQ0178	insulin precursor
5	424	91.6	110	1	INRB	insulin precursor
6	417	90.1	110	1	IPDG	insulin precursor
7	394	85.1	86	1	IPHO	insulin precursor
8	394	85.1	110	1	INMS2	insulin 2 precursor
9	394	85.1	110	1	IPRT2	insulin 2 precursor
10	392	84.7	108	2	A39883	insulin precursor
11	392	84.7	110	2	I48166	insulin precursor
12	385	83.2	110	1	IPRT1	insulin 1 precursor
13	383	82.7	84	1	IPPG	insulin precursor
14	366.5	79.2	105	1	IPBO	insulin precursor
15	366	79.0	108	1	INMS1	insulin 1 precursor

SEQ ID NO: 5

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	294	100.0	52	2	AAY42859	Aay42859 Human ins
2	294	100.0	56	2	AAR68901	Aar68901 Human pro
3	294	100.0	56	2	AAR78665	Aar78665 Proinsuli
4	294	100.0	63	2	AAR68900	Aar68900 Human pro
5	294	100.0	96	2	AAR68899	Aar68899 Human pro
6	294	100.0	96	2	AAR78662	Aar78662 Fusion pr
7	294	100.0	107	2	AAY42860	Aay42860 hGH-mini-
8	294	100.0	116	2	AAR98897	Aar98897 SOD-proin
9	294	100.0	137	2	AAR71692	Aar71692 Mating fa
10	294	100.0	145	2	AAR71694	Aar71694 Mating fa
11	294	100.0	146	2	AAR71695	Aar71695 Mating fa
12	294	100.0	150	2	AAY42861	Aay42861 Chimeric
13	291	99.0	57	2	AAR04582	Aar04582 Proinsuli
14	287	97.6	52	2	AAR11899	Aar11899 Example o
15	283.5	96.4	53	2	AAR65883	Aar65883 Di-Arg- (B
16	283.5	96.4	53	2	Aaw18007	Aaw18007 Ins1 doub
17	283.5	96.4	160	2	AAR79056	Aar79056 Glycosylp
18	282.5	96.1	117	2	AAR98896	Aar98896 SOD-proin
19	281.5	95.7	60	1	AAP20002	Aap20002 Human pro
20	281	95.6	58	7	ADF15278	Adf15278 Human alb

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	294	100.0	56	1	US-08-160-376A-7	Sequence 7, Appli
2	294	100.0	56	1	US-08-389-487-11	Sequence 11, Appl
3	294	100.0	63	1	US-08-160-376A-6	Sequence 6, Appli
4	294	100.0	66	1	US-08-291-060B-5	Sequence 5, Appli
5	294	100.0	96	1	US-08-160-376A-5	Sequence 5, Appli
6	294	100.0	96	1	US-08-389-487-8	Sequence 8, Appli
7	294	100.0	137	1	US-08-400-256-39	Sequence 39, Appl
8	294	100.0	137	3	US-08-975-365-39	Sequence 39, Appl
9	294	100.0	145	1	US-08-400-256-45	Sequence 45, Appl
10	294	100.0	145	3	US-08-975-365-45	Sequence 45, Appl
11	294	100.0	146	1	US-08-400-256-48	Sequence 48, Appl
12	294	100.0	146	3	US-08-975-365-48	Sequence 48, Appl
13	291	99.0	57	1	US-08-030-731A-44	Sequence 44, Appl
14	283.5	96.4	53	1	US-08-233-617-4	Sequence 4, Appli
15	283.5	96.4	53	3	US-08-981-988A-42	Sequence 42, Appl
16	278.5	94.7	51	4	US-09-477-924-3	Sequence 3, Appli
17	278.5	94.7	51	4	US-09-723-981-3	Sequence 3, Appli
18	278.5	94.7	51	4	US-09-723-896-3	Sequence 3, Appli
19	277.5	94.4	53	1	US-08-233-617-3	Sequence 3, Appli
20	277	94.2	65	3	US-08-900-574-3	Sequence 3, Appli

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	294	100.0	52	13	US-10-054-873-5	Sequence 5, Appli
2	294	100.0	107	13	US-10-054-873-6	Sequence 6, Appli
3	294	100.0	137	16	US-10-101-454-39	Sequence 39, Appl
4	294	100.0	145	16	US-10-101-454-45	Sequence 45, Appl
5	294	100.0	146	16	US-10-101-454-48	Sequence 48, Appl
6	294	100.0	150	13	US-10-054-873-7	Sequence 7, Appli
7	291	99.0	57	17	US-10-869-040-83	Sequence 83, Appl
8	283.5	96.4	58	17	US-10-869-040-84	Sequence 84, Appl
9	282.5	96.1	336	17	US-10-869-040-6	Sequence 6, Appli
10	281	95.6	58	17	US-10-775-180-175	Sequence 175, App

11	281	95.6	58	17	US-10-775-180-176	Sequence 176, App
12	281	95.6	58	17	US-10-775-180-646	Sequence 646, App
13	281	95.6	58	18	US-10-775-204-576	Sequence 576, App
14	281	95.6	58	18	US-10-775-204-577	Sequence 577, App
15	281	95.6	58	18	US-10-775-204-1721	Sequence 1721, Ap
16	281	95.6	662	17	US-10-775-180-569	Sequence 569, App
17	281	95.6	662	18	US-10-775-204-1553	Sequence 1553, Ap
18	281	95.6	667	17	US-10-775-180-106	Sequence 106, App
19	281	95.6	667	17	US-10-775-180-107	Sequence 107, App
20	281	95.6	667	18	US-10-775-204-360	Sequence 360, App

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	273.5	93.0	51	1	INEL	insulin - elephant
2	273.5	93.0	51	1	INWHF	insulin - finback
3	273.5	93.0	51	1	INWHP	insulin - sperm wh
4	273	92.9	96	2	PC7082	epidermal growth f
5	271.5	92.3	51	1	INHY	insulin - hamster
6	268.5	91.3	51	1	INMSSP	insulin - Egyptian
7	267.5	91.0	51	2	A59151	insulin precursor
8	267	90.8	110	1	IPHU	insulin precursor
9	267	90.8	110	2	B42179	insulin precursor
10	267	90.8	110	2	JQ0178	insulin precursor
11	267	90.8	110	2	A42179	insulin precursor
12	263.5	89.6	51	1	INCMA	insulin - Arabian
13	263.5	89.6	51	1	INGT	insulin - goat
14	263.5	89.6	51	1	INWH1S	insulin - sei whal
15	263	89.5	84	1	IPPG	insulin precursor

SEQ ID NO: 6

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	587	100.0	107	2	AAY42860	Aay42860 hGH-mini-
2	555.5	94.6	150	2	AAY42861	Aay42861 Chimeric
3	315.5	53.7	116	2	AAR98897	Aar98897 SOD-proin
4	304	51.8	63	2	AAR68900	Aar68900 Human pro
5	304	51.8	117	2	AAR98896	Aar98896 SOD-proin
6	302.5	51.5	137	2	AAR71692	Aar71692 Mating fa
7	299	50.9	56	2	AAR68901	Aar68901 Human pro
8	299	50.9	56	2	AAR78665	Aar78665 Proinsuli
9	299	50.9	96	2	AAR68899	Aar68899 Human pro
10	299	50.9	96	2	AAR78662	Aar78662 Fusion pr
11	299	50.9	145	2	AAR71694	Aar71694 Mating fa
12	299	50.9	146	2	AAR71695	Aar71695 Mating fa
13	294	50.1	52	2	AAY42859	Aay42859 Human ins
14	293	49.9	57	2	AAR04582	Aar04582 Proinsuli
15	288.5	49.1	160	2	AAR79056	Aar79056 Glycosylp

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	304	51.8	63	1	US-08-160-376A-6	Sequence 6, Appli
2	302.5	51.5	137	1	US-08-400-256-39	Sequence 39, Appl
3	302.5	51.5	137	3	US-08-975-365-39	Sequence 39, Appl
4	299.5	51.0	66	1	US-08-291-060B-5	Sequence 5, Appli
5	299	50.9	56	1	US-08-160-376A-7	Sequence 7, Appli
6	299	50.9	56	1	US-08-389-487-11	Sequence 11, Appl
7	299	50.9	96	1	US-08-160-376A-5	Sequence 5, Appli
8	299	50.9	96	1	US-08-389-487-8	Sequence 8, Appli
9	299	50.9	145	1	US-08-400-256-45	Sequence 45, Appl
10	299	50.9	145	3	US-08-975-365-45	Sequence 45, Appl
11	299	50.9	146	1	US-08-400-256-48	Sequence 48, Appl
12	299	50.9	146	3	US-08-975-365-48	Sequence 48, Appl
13	293	49.9	57	1	US-08-030-731A-44	Sequence 44, Appl
14	287	48.9	65	3	US-08-900-574-3	Sequence 3, Appli
15	286.5	48.8	66	3	US-08-900-574-5	Sequence 5, Appli

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	587	100.0	107	13	US-10-054-873-6	Sequence 6, Appli
2	555.5	94.6	150	13	US-10-054-873-7	Sequence 7, Appli
3	302.5	51.5	137	16	US-10-101-454-39	Sequence 39, Appl
4	299	50.9	145	16	US-10-101-454-45	Sequence 45, Appl
5	299	50.9	146	16	US-10-101-454-48	Sequence 48, Appl
6	294	50.1	52	13	US-10-054-873-5	Sequence 5, Appli
7	293	49.9	57	17	US-10-869-040-83	Sequence 83, Appl
8	286	48.7	667	17	US-10-775-180-107	Sequence 107, App
9	286	48.7	667	18	US-10-775-204-361	Sequence 361, App
10	285.5	48.6	58	17	US-10-869-040-84	Sequence 84, Appl
11	284.5	48.5	124	9	US-09-894-711-18	Sequence 18, Appl
12	284.5	48.5	124	17	US-10-869-040-92	Sequence 92, Appl
13	284.5	48.5	124	17	US-10-114-557-3	Sequence 3, Appli
14	284.5	48.5	128	17	US-10-869-040-189	Sequence 189, App
15	284.5	48.5	314	17	US-10-869-040-4	Sequence 4, Appli

SUMMARIES

Result Query

No.	Score	Match	Length	DB	ID	Description
1	275	46.8	96	2	PC7082	epidermal growth f
2	273.5	46.6	51	1	INEL	insulin - elephant
3	273.5	46.6	51	1	INWHF	insulin - finback
4	273.5	46.6	51	1	INWHP	insulin - sperm wh
5	273	46.5	110	2	B42179	insulin precursor
6	273	46.5	110	2	JQ0178	insulin precursor
7	271.5	46.3	51	1	INHY	insulin - hamster
8	268.5	45.7	51	1	INMSSP	insulin - Egyptian
9	267.5	45.6	51	2	A59151	insulin precursor
10	267	45.5	110	1	IPHU	insulin precursor
11	267	45.5	110	2	A42179	insulin precursor
12	263.5	44.9	51	1	INCMA	insulin - Arabian
13	263.5	44.9	51	1	INGT	insulin - goat
14	263.5	44.9	51	1	INWH1S	insulin - sei whal
15	263	44.8	84	1	IPPG	insulin precursor

SEQ ID NO: 7

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	797	100.0	150	2	AAY42861	Aay42861 Chimeric
2	555.5	69.7	107	2	AAY42860	Aay42860 hGH-mini-
3	470	59.0	92	2	AAY42856	Aay42856 Human gro
4	470	59.0	134	2	AAW92265	Aaw92265 Human ant
5	470	59.0	191	5	ABG94861	Abg94861 Human gro
6	466	58.5	188	8	ADI47330	Adi47330 Plasmid p
7	466	58.5	192	1	AAP90129	Aap90129 Human gro
8	466	58.5	192	2	AAW92264	Aaw92264 Human ant
9	466	58.5	192	8	ADI47320	Adi47320 Plasmid p
10	466	58.5	192	8	ADI47390	Adi47390 Plasmid p
11	466	58.5	192	8	ADI47398	Adi47398 Nmer ampl
12	466	58.5	193	8	ADI47354	Adi47354 Plasmid p
13	466	58.5	206	8	ADI47384	Adi47384 Plasmid p
14	466	58.5	391	8	ADI47363	Adi47363 Plasmid p
15	466	58.5	574	8	ADI47344	Adi47344 Plasmid p

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	466	58.5	192	1	US-08-093-383-1	Sequence 1, Appli
2	463	58.1	242	4	US-09-949-016-8660	Sequence 8660, Ap
3	463	58.1	242	4	US-09-949-016-8661	Sequence 8661, Ap
4	463	58.1	242	4	US-09-949-016-8662	Sequence 8662, Ap
5	463	58.1	242	4	US-09-949-016-8663	Sequence 8663, Ap
6	463	58.1	242	4	US-09-949-016-8664	Sequence 8664, Ap
7	461	57.8	191	3	US-09-284-878-5	Sequence 5, Appli
8	461	57.8	191	4	US-09-462-941-1	Sequence 1, Appli
9	461	57.8	194	2	US-08-383-621-4	Sequence 4, Appli
10	461	57.8	194	3	US-08-459-906-4	Sequence 4, Appli
11	461	57.8	217	3	US-08-589-028-10	Sequence 10, Appl
12	461	57.8	217	3	US-08-784-582-10	Sequence 10, Appl
13	461	57.8	217	3	US-08-785-271-10	Sequence 10, Appl
14	461	57.8	217	3	US-08-759-628-11	Sequence 11, Appl
15	461	57.8	217	3	US-09-284-878-1	Sequence 1, Appli

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	797	100.0	150	13	US-10-054-873-7	Sequence 7, Appli
2	555.5	69.7	107	13	US-10-054-873-6	Sequence 6, Appli
3	470	59.0	92	13	US-10-054-873-2	Sequence 2, Appli
4	470	59.0	134	10	US-09-819-094-24	Sequence 24, Appl
5	470	59.0	134	15	US-10-714-067-24	Sequence 24, Appl
6	466	58.5	188	15	US-10-621-693-18	Sequence 18, Appl
7	466	58.5	192	10	US-09-819-094-23	Sequence 23, Appl
8	466	58.5	192	15	US-10-621-693-8	Sequence 8, Appli
9	466	58.5	192	15	US-10-621-693-78	Sequence 78, Appl
10	466	58.5	192	15	US-10-621-693-86	Sequence 86, Appl
11	466	58.5	192	15	US-10-714-067-23	Sequence 23, Appl
12	466	58.5	193	15	US-10-621-693-42	Sequence 42, Appl
13	466	58.5	206	15	US-10-621-693-72	Sequence 72, Appl
14	466	58.5	213	18	US-10-908-400A-95	Sequence 95, Appl
15	466	58.5	216	18	US-10-908-400A-91	Sequence 91, Appl

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
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1	461	57.8	217	1	STHU	somatotropin 1 pre
2	460	57.7	217	2	I67410	somatotropin - rhe
3	426.5	53.5	217	1	STHUV	somatotropin 2 pre
4	426.5	53.5	256	1	STHUV2	somatotropin 2 pre
5	407.5	51.1	217	2	I67409	chorionic somatoma
6	405	50.8	217	2	I67411	somatotropin - rhe
7	396	49.7	212	2	I67408	chorionic somatoma
8	396	49.7	217	2	I53267	chorionic somatoma
9	381	47.8	217	1	LCHUC	choriomammotropin
10	381	47.8	217	2	E32435	choriomammotropin
11	359.5	45.1	215	2	A26449	choriomammotropin
12	310.5	39.0	216	2	B49159	somatotropin - gol
13	307.5	38.6	190	2	PN0140	somatotropin - sei
14	306.5	38.5	190	1	STHO	somatotropin - hor
15	304.5	38.2	216	1	STMS	somatotropin precu